Express Mail No.: EL964765902US

PATENT 091-0144

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: William Davis et al.

Serial No.: Filed herewith

Filing Date: Filed herewith

For: PHASED ARRAY ANTENNA

ARCHITECTURE HAVING DIGITALLY CONTROLLED

CENTRALIZED BEAM FORMING

COMMENTARY RE INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In accordance with 37 CFR §1.56, and in recognition of his duty to disclose to the United States Patent and Trademark Office relevant information known to be material to patentability, Applicant identifies the prior art listed on the attached Information Disclosure Statement (Form PTO-1449). The statement is not a representation that all of the information cited is necessarily effective as prior art against the application. Only copies of non US patents and patent applications are enclosed, if any.

Applicant respectfully requests that the disclosed reference be made of record in the subject application.

Respectfully submitted,

Dated: October <u>30</u>, 2003

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PTO/SB/08A (10-01)

Approved for use through 10/31/2002, OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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STATEMENT BY APPLICANT			PLICANT	First Named Inventor	William F. Davis et al.		
				Group Art Unit			
(use as many sheet as necessary)				Examiner Name			
Sheet	1	of	1	Attorney Docket Number	091-0144		

			U.S. PATENT	DOCUMENTS	
		Document Number			Pages, Columns, Lines
Examiner Initials*	Cite No. ¹	Number – Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear
	1	US- 6,411,256 B1	06-25-2002	Lier, et al.	
	2	US- 6,351,240	02-26-2002	Karimullah, et al.	
	3	US- 5,530,449	06-25-1996	Wachs, et al.	
	4	US- 5,327,150	07-05-1994	Cherrette	
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FOREIGN PATENT DOCUMENTS								
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Examiner Initials*	Cite No. 1	Country Code ³ -Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T6		
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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent documents. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.